

ATTORNEY DOCKET NO.: 2002834-0058 (CIP4 DIV1)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Bannon, et al.

Examiner:

Huynh, P.

Serial No.:

09/478,668

Art Unit:

1644

Filing Date:

January 6, 2000

Title:

METHODS AND REAGENTS FOR DECREASING CLINICAL

REACTIONS TO ALLERGY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

Enclosed are the following documents:

- 1. Form PTO-1449 (10 pages);
- 2. Supplemental Information Disclosure Statement (5 pages);
- 3. Transmittal Letter (1 page);
- 4. Limited Recognition Under 37 CRF § 10.9(b); and
- 5. Return Postcard.

If any additional fees are required to be paid or if any overpayment has been made, please charge same to Deposit Account No. 03-1721.

Respectfully submitted,

Charles E. Lyon, D.Phil

Agent for Applicant

Limited Recognition Under 37 CFR §10.9(b)

Choate, Hall & Stewart Exchange Place 53 State Street Boston, MA 02109 (617) 248-5000

Dated: 10/22/04

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Sandra Saccocia

Signature

Typed or Printed Name of person signing certificate

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OCT 2 5 2004 33 35 PRADERMENT

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Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, Applicant requests consideration of this Information Disclosure Statement.

Type of Statement

The present Information Disclosure Statement is:

[] An original Information Disclosure Statement; or

[X] A supplemental Information Disclosure Statement.

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Signature

Sandra Saccocia

Name of Person Signing

Compliance with 37 CFR § 1.97

The present Information Disclosure Statement is being filed:

| [] | Pursua | uant to 37 CFR § 1.97(b); no fee or certification is required: | | |
|----|----------|---|--|--|
| | [] | Within three months of the filing date of a national application other than | | |
| | | a conti | nued prosecution application under § 1.53(d); | |
| | [] | Within | three months of the date of entry of the national stage as set forth | |
| | | in § 1.4 | 191 in an international application; | |
| | [] | Before | the mailing of a first Office action on the merits; or | |
| | [] | Before | the mailing of a first Office action after the filing of a request for | |
| | | continu | ned examination under § 1.114. | |
| [] | Pursuai | nt to 37 | CFR § 1.97(c) after the dates listed above but before the mailing | |
| | date of | any of a | final action under § 1.113, a notice of allowance under § 1.311, or | |
| | an actio | on that o | therwise closes prosecution in the application; Applicant hereby | |
| | either: | | | |
| | [] | Certifie | es that either: | |
| | | [] | each item of information contained in the information disclosure | |
| | | | statement was first cited in any communication from a foreign | |
| | | | patent office in a counterpart foreign application not more than | |
| | | | three months prior to the filing of the information disclosure | |
| | | | statement; or | |
| | | [] | That no item of information contained in the information | |
| | | | disclosure statement was cited in a communication from a foreign | |
| | | | patent office in a counterpart foreign application, and, to the | |
| | | | knowledge of the person signing the certification after making | |
| | | | reasonable inquiry, no item of information contained in the | |
| | | | information disclosure statement was known to any individual | |

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the information disclosure statement; or Includes herewith the fee set forth in § 1.17(p), [] Pursuant to 37 CFR § 1.97(d), after the mailing date of any final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application; Applicant hereby both: [] Certifies that either: each item of information contained in the information disclosure [] statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or [] That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement; and

Includes herewith the fee set forth in $\S 1.17(p)$.

[]

designated in § 1.56(c) more than three months prior to the filing of

Page 3 of 5 3758965

Content of the Information Disclosure Statement

Applicant hereby makes of record in the above-identified application the reference(s) listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

Applicant includes copies of references as indicated below:

- A copy of each cited reference not indicated with an asterisk is included;
- [X] Copies of references indicated with an asterisk on the attached form PTO-1449 are not included pursuant to 37 CFR § 1.98(d) because they were previously provided to the United States Patent Office in an Information Disclosure Statement that complies with 37 CFR § 1.98(a)-(c) and was submitted in the following patent application that is relied upon in the present case for an earlier effective filing date under 35 USC § 120:

| Serial Number | Filing Date | Status |
|---------------|-----------------|---------|
| 09/141,220 | August 27, 1998 | Pending |

[] Copies of English translations of one or more non-English references are included.

Applicant hereby makes the following additional information of record in the above-identified application:

Applicant certifies that the Information Disclosure Statement either:

- [X] Does not contain non-English language citations;
- [] Includes one or more translations of a non-English citation; or
- [] Does contain non-English language citations, of which the following is a concise explanation:

Remarks

The submission of this Information Disclosure Statement should not be construed as a

representation that a search has been made.

The submission of this Information Disclosure Statement shall not be construed to be an

admission that the information cited in the statement is, or is considered to be, material to patentability as

defined in § 1.56(b).

The submission of this Information Disclosure Statement shall not be construed as a

representation that the information cited in the Statement is, or is considered to be, in fact, prior art as

defined by 35 USC §102.

It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other

information, in reaching a determination concerning the patentability of the present claims;

2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited

patent(s) and publication(s) has (have) been fully considered by the Patent and Trademark Office during

the examination of this application; and

3. The citations for the patent(s) and publication(s) be printed on any patent which issues

from this application.

Notwithstanding any statements by Applicants, the Examiner is urged to form his or her own

conclusions regarding the relevance of the cited reference(s).

D.Phil.

Agent for Applicant

Respectfully submitted,

Limited Recognition Under 37 CFR §10.9(b)

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Page 5 of 5

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OCT 2 5 2004 PTO-1449 U.S. Department of **IN RE** ATTY. DOCKET: APPLICATION NO.: Commerce 2002834-0058 09/478,668 (REV. 8-83) Patent and Trademark Office APPLICANT: Bannon, et al. SUPPLEMENTAL FILING DATE: GROUP: 1644 INFORMATION DISCLOSURE STATEMENT January 6, 2000 (*Use several sheets if necessary*) U.S. PATENT DOCUMENTS U.S. Patent No. Examiner's **Applicant** Issue Date Class Subclass **Initials .U.S. PATENT APPLICATIONS** Publication Date: Group: Examiner's Applicant: Art Unit: Serial Number: Initials: **FOREIGN PATENT DOCUMENTS** Translation Examiner's Document No. Country Date **Initials** Yes No OTHER DOCUMENTS Examiner's Citation (Including Author, Title, Date, Pertinent Pages, Etc.) **Initials** *Amorim, et al., "Suppression of Airway Eosinophilia by Killed Mycobacterium Vaccae-Induced Allergen-Specific Regulatory T-Cells", Nature Medicine, 8(6): 625-629, 2002. *Asturias, et al., "Is Tropomyosin an Allergen in Anisakis?", Allergy, 55: 898-890, 2000. *Asturias, et al., "Cloning, Isolation, and IgE-Binding Properties of Helixaspersa (Brown Garden Snail) Tropomyosin", Int. Arch Allergy Immunol. 128: 90-96, 2002. *Asturias, et al., "Molecular Characterization of American Cockroach Tropomyosin (Periplaneta Americana Allergen 7), a Cross-Reactive Allergen", The Journal of Immunology, 162: 4342-4348, 1999. *Bannon, et al., "Engineering, Characterization and in Vitro Efficacy of the Major Peanut Allergens for Use in Immunotherapy", Int. Arch. Allergy Immunol, 124: 70-72, 2001. *Barderas, et al., "Identification and Characterization of Che a 1 Allergen from Chenopodium Album Pollen", Int. Arch. Allergy Immunol. 127: 47-54, 2002.

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| | PATENT & TREE | APPLICANT: Bannon, o | et al. | |
| SUPPLEMENTAL 'INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | FILING DATE: January 6, 2000 | GROUP: 1644 | |
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